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(57) Abstract

A DNA sequence according to the invention contains (a) a sequence as shown in SEQ ID NO.1 or 2; (b) a sequence which encodes the same protein as (a) but is degenerated as a result of the genetic code, (c) a sequence hybridizing under stringent conditions to the sequences of (a) and/or (b), (d) a genomic sequence containing the sequence of (a, b or c) and further containing one or more introns; or (e) a sequence which differs from (a, b, c or d) due to its origin from a different species. A protein according to the invention is encoded by such DNA sequence and can be used for inducing oocyte maturation and/or modulating cell division and/or differentiation and/or proliferation, in a pharmaceutical composition or as diagnostic agent.